Congenital Heart Disease Review Questions

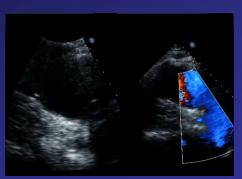


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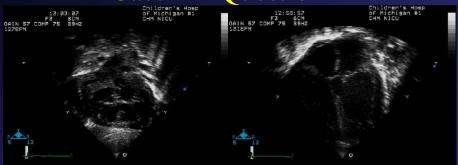
Case 1

The echocardiographic finding shown is highly associated with which of the following genetic syndromes?

- 1. Williams syndrome
- ★ 2. Noonan syndrome
 - 3. Holt-Oram syndrome
 - 4. Down syndrome
 - 5. Turners syndrome







The most common genetic syndrome associated with this heart defect is:

- 1. Williams syndrome
- 2. Noonan syndrome
- 3. Holt-Oram syndrome
- 4. Down syndrome
 - 5. Turners syndrome

Case 2 – Question 2

After repair of this defect, the most common cause for re-intervention is due to problems with the:

- 1. Tricuspid valve
- ■2. Mitral valve
 - 3. Aortic valve
 - 4. Aorta
 - 5. Conduction system

Case 2 – Question 3

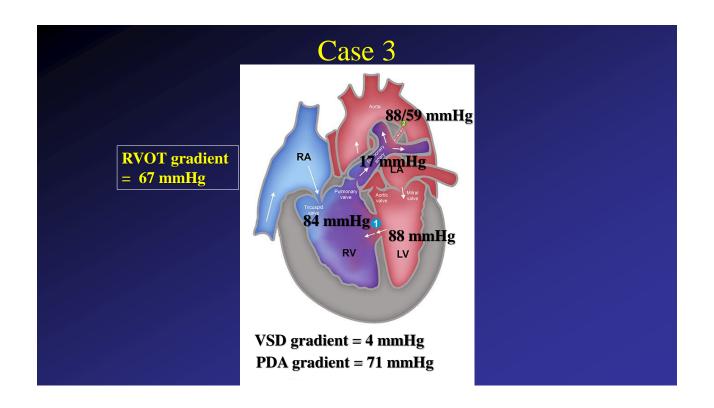
This (unrepaired) defect in a 4 month old is associated with:

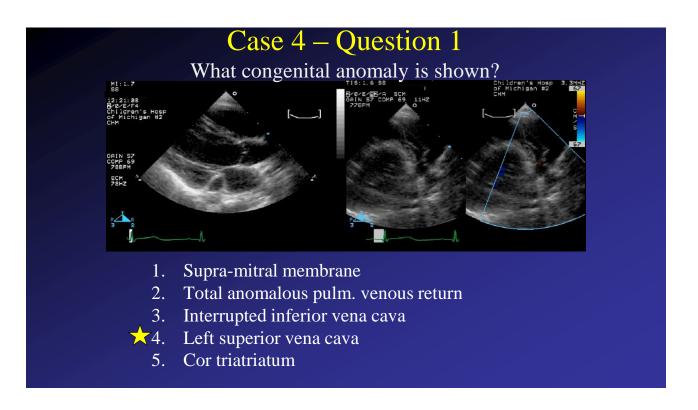
- 1. Cyanosis
- 太 2. Congestive Heart Failure
 - 3. Sudden Death
 - 4. Rhythm abnormalities
 - 5. Sleep disorder

A 1 year old has a known history of VSD and PDA. CW Doppler tracings are shown. Patient's BP = 88/59 mmHg. Gradient = 4 mmHg VSD These findings are consistent with: 1. Pulmonary hypertension 2. Coarctation of the aorta 3. Right ventricular outflow tract obstruction

Severe tricuspid regurgitation

Severe pulmonary regurgitation





Case 4 – Question 2

What is the hemodynamic consequence of this anomaly?

- 1. Left ventricular volume overload
- 2. Right ventricular volume overload
- 3. Pulmonary hypertension
- 4. Left ventricular inflow obstruction
- √5. No hemodynamic consequence

Case 5 – Question 1

What is the most common congenital heart defect presenting with this long axis view?



- 1. Transposition of the great arteries
- 2. Tetralogy of Fallot
 - 3. Double-outlet right ventricle
 - 4. Pulmonary atresia with VSD
 - 5. Truncus arteriosus

Case 5 – Question 2

What is the most common clinical presentation of patients with tetralogy of Fallot?

- ★1. Heart murmur
 - 2. Stroke
 - 3. Cyanosis
 - 4. Squatting
 - 5. Chest pain

Case 5 – Question 3

In tetralogy of Fallot, what is the source of the murmur?

- 1. VSD
- 2. Tricuspid regurgitation
- 3. ASD
- ■4. Pulmonary stenosis
 - 5. Aortic stenosis